

Converting Colors

`RYB(179, 125, 167)`

Have a look what the booklet for
RYB(179, 125, 167) contains.

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Color

R_YB(179, 125, 167)

Conversions

Conversions Part 1

Format	Color
Hex	B37DA7
RGB	179, 125, 167
RGB Percent	70%, 49%, 65%
CMY	0.2980, 0.5098, 0.3451
CMYK	0.00, 0.30, 0.07, 0.30
HSL	313°, 26%, 60%
HSV	313°, 30%, 70%
XYZ	32.8991, 27.0410, 40.0447
YIQ	145.9340, 18.7020, 24.5100

Conversions

Conversions Part 2

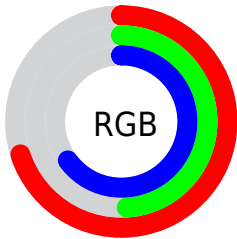
Format	Color
R _Y B	179, 125, 167
Decimal	11763111
CIE Lab	59.01, 27.73, -13.96
CIE LCh	59, 31.050, 333.279
Yxy	27.0410, 0.3290, 0.2705
Android (android.graphics.Color)	4289953191 (0xFFB37DA7)
YUV	145.9340, 10.3855, 28.9989
Hunter-Lab	52.0009, 21.9288, -9.2572

Details

The RYB color **179, 125, 167** is a light color, and the websafe version is hex **996699**. A complement of this color would be **125, 169, 179**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **235, 178, 222**, and **125, 75, 115** is the 20% darker color. If you saturate the color by 10%, you get **179, 107, 163**, and if you desaturate by 10%, it is **179, 143, 171**.

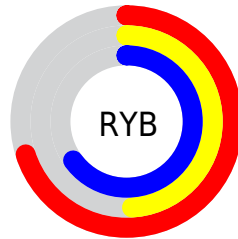
Distribution



Red (70%)

Green (49%)

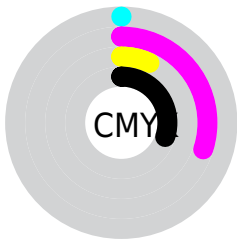
Blue (65%)



Red (70%)

Yellow (49%)

Blue (65%)

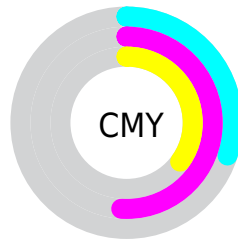


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 125, 167 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 179, 125, 167 by changing the saturation by 10% instead.

 179, 125, 167

255, 255, 255

 235, 178, 222

 255, 206, 251

 255, 234, 255

 179, 125, 167

 152, 100, 141

 125, 75, 115

 100, 51, 90

 75, 28, 67

 51, 5, 45

 32, 0, 24

 0, 0, 0

 179, 125, 167


 179, 107, 163

 179, 125, 167


 179, 143, 171

 179, 89, 159


 179, 161, 175

 179, 71, 155


 179, 179, 179

 179, 53, 151

 179, 194, 197

 179, 35, 147

 179, 207, 214

 179, 18, 143

 179, 222, 232

 179, 0, 139

 179, 237, 250

 179, 239, 255

 179, 237, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



149, 134, 188



179, 125, 167



194, 121, 140

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



179, 125, 167



108, 157, 87



38, 101, 171

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



179, 125, 167



125, 169, 179

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61, 112, 157



179, 125, 167



96, 149, 117

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



179, 125, 167



180, 162, 94



96, 140, 155



64, 115, 190

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179, 125, 167



195, 122, 122



96, 140, 155



42, 101, 163

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



179, 125, 167



232, 211, 227



137, 125, 179



117, 104, 114



245, 245, 245



117, 117, 117

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



179, 125, 167



232, 149, 213



179, 125, 140



89, 80, 87



153, 0, 119



26, 0, 20

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



179, 125, 167



232, 149, 213



125, 156, 179



89, 80, 87



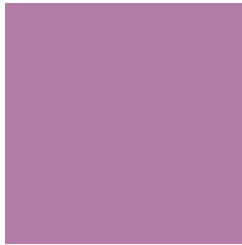
153, 0, 119



26, 0, 20

Previews

White Background



This preview shows how the RYB color 179, 125, 167 looks on a white background.

Color Contrast Check

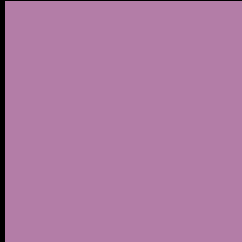
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 179, 125, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

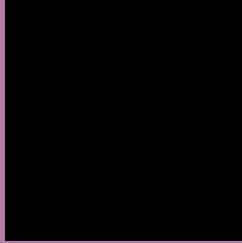
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 179, 125, 167 Background



This preview shows how black text looks on a background with the RYB color 179, 125, 167.

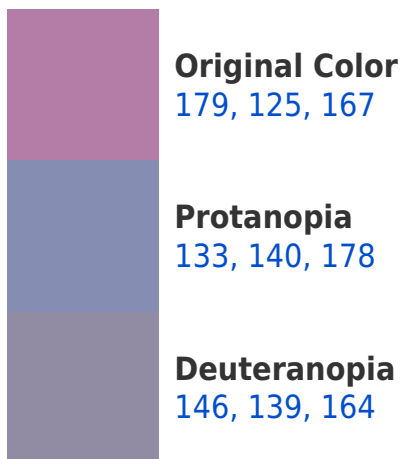


This preview shows how white text looks on a background with the RYB color 179, 125, 167.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
176, 130, 140

Trichromacy



Original Color
179, 125, 167

Protanomaly
150, 135, 174

Deuteranomaly
158, 134, 165

Tritanomaly
177, 128, 150

Monochromacy



Original Color
179, 125, 167

Achromatopsia
146, 146, 146

Achromatomaly
158, 138, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 125, 167 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 125, 167)` looks like.

```
.text, #text, p{  
    color:rgb(179, 125, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 125, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 125, 167) }
```

Border

The CSS property to change the border of an element to RYB 179, 125, 167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 125, 167) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 125, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 125, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 125, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 125, 167);  
box-shadow:4px 4px 4px 4px rgb(179, 125,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 179, 125, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 125, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
125, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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